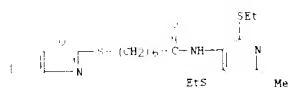


IN ANSWERS REGISTRY COPYRIGHT 2001 ACS  
 IN Heptanamide, 7-[(2-benzoxazolylthio)-N-[2,4-bis(ethylthio)-6-methyl-3-  
 pyridinyl]-]-(HCl)  
 MF C14 H21 N3 O2 S3



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s 11 ful  
FULL SEARCH INITIATED 07:01:31 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 5402 TO ITERATE

100.0% PROCESSED 5402 ITERATIONS  
SEARCH TIME: 00.00.04

80 ANSWERS

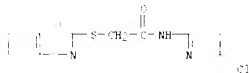
L3 80 SEA SSS FUL L1

=> s 13 and caplus/lc  
17870759 CAPLUS/LC  
L4 77 L3 AND CAPLUS/LC

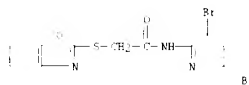
=> s 13 not 14  
L5 3 L3 NOT L4

=> d 1-3

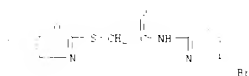
L5 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2001 ACS  
 RN 313481-42-4 REGISTRY  
 CN Acetamide, 2-(2-benzoxazolylthio)-N-(5-chloro-2-pyridinyl)- [9CI]  
 (CA)  
 INDEX NAME  
 FS 3D CONCORD  
 MF C14 H10 Cl N3 O2 S  
 SR Chemical Library  
 LC STN Files: CHEMCATS



L5 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2001 ACS  
 RN 313481-41-3 REGISTRY  
 CN Acetamide, 2-(2-benzoxazolylthio)-N-(3,5-dibromo-2-pyridinyl)- [9CI]  
 (CA)  
 INDEX NAME  
 FS 3D CONCORD  
 MF C14 H9 Br2 N3 O2 S  
 SR Chemical Library  
 LC STN Files: CHEMCATS



L5 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2001 ACS  
 RN 313481-43-7 REGISTRY  
 CN Acetamide, 2-(2-benzoxazolylthio)-N-(5-bromo-2-pyridinyl)- [9CI] (CA)  
 INDEX NAME  
 FS 3D CONCORD  
 MF C14 H10 Br N3 O2 S  
 SR Chemical Library  
 LC STN Files: CHEMCATS



=> fil chemcats		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	142.48	142.63

FILE 'CHEMCATS' ENTERED AT 07:02:07 ON 14 MAY 2001  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
 COPYRIGHT (C) 2001 American Chemical Society (ACS)

FILE LAST UPDATED 05 MAY 2001 (20010505/UP)

For details on recent updates in CHEMCATS, enter NEWS FILE at an arrow  
 (=>) prompt. For the list of suppliers currently in the file, enter  
 HELP SPA, HELP SPBC, HELP SPDH, HELP SPIN, HELP SPOP, and HELP SPQZ.  
 For the list of current catalogs, enter HELP CTA, HELP CTBC, HELP  
 CTDH, HELP CTIN, HELP CTOP, and HELP CTQZ.

This database is provided on an "as is" basis. Please consult the  
 suppliers for current information regarding pricing, regional  
 availability, available quantities, purities, etc. THERE ARE NO  
 WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED. ACS is not  
 liable for any loss of profit, goodwill or any other damages arising  
 out of the use of this database.

=> s 15  
 L6                    6 L5

=> help display

The DISPLAY command is used to view various types of saved and  
 current-session information. To use this command, enter DISPLAY and  
 the name of the item to be displayed. The system will display the  
 item online. Highlighting characters may be suppressed by adding the  
 NOHIGHLIGHT (NOH) option on the command line.

For information on the predefined formats available for the display  
 of records in this file, enter HELP FORMAT at an arrow prompt (=>).  
 For information on the display of records using individual fields or  
 groups of fields, enter HELP DFIELDS. For information on how to  
 create a user-defined display format, enter HELP SET FORMAT. For  
 information on how to change the default display format for this  
 file, enter HELP SET DFORMAT. To see the current default display  
 format for this file, enter DISPLAY SET DFORMAT.

For more information about the DISPLAY command, enter one of the  
 following HELP commands at an arrow prompt.

=> HELP DISPLAY ACC ----- To see the record for a specific

## Accession Number in a file

- => HELP DISPLAY ARCHIVE --- To grant permission to store STN records for the purposes of electronic access by a specified number of users within your worldwide organization
- => HELP DISPLAY BROWSE ---- To browse through an answer set without rekeying the DISPLAY command before each answer number
- => HELP DISPLAY CLUSTER --- To see user-defined and system-defined file clusters
- => HELP DISPLAY COST ----- To see the approximate cost of a session
- => HELP DISPLAY CURRENCY -- To see the patent currency status of certain files
- => HELP DISPLAY EXPAND ---- To see the E-number list from an EXPAND or SELECT command
- => HELP DISPLAY FIELD ----- To see the user-defined search fields
- => HELP DISPLAY FORMAT ---- To see the user-defined display formats
- => HELP DISPLAY FFCOM ----- To see records from specific files when the L-number contains records from multiple files
- => HELP DISPLAY HISTORY --- To see the commands used in this session
- => HELP DISPLAY L# ----- To see answers from a search
- => HELP DISPLAY PFAM ----- To see selective records from specified patent families in an FSORT L-number
- => HELP DISPLAY PFINT ----- To see the status of offline prints requested in this session
- => HELP DISPLAY QUERY ----- To see the definition of a query
- => HELP DISPLAY REDISTRIBUTE -- To grant permission to redistribute within your worldwide organization a specified number of printed or electronic copies of STN records
- => HELP DISPLAY SAVED ----- To list saved items for this loginid
- => HELP DISPLAY SCAN ----- To scan through an answer set in random order with a predefined display format

=> HELP DISPLAY SELECT ---- To see the E-number list from a SELECT or  
EXPAND command

=> HELP DISPLAY SET ----- To see the SET parameters currently  
active, changed, or set permanently

=> HELP DISPLAY TERM ----- To see the terms extracted using  
SmartSELECT

=> HELP DISPLAY TOLERANCE - To see the tolerance in effect for  
numeric fields available in the current  
file

=> HELP DISPLAY TSORT ----- To sort the entries in a display that  
uses a table format

=> HELP DISPLAY UNIT ----- To see the units in effect for numeric  
fields available in the current file

=> help display field

To see a list of all user-defined search fields for this loginid,  
enter DISPLAY FIELD at an arrow prompt (=>). The resulting  
alphabetical list consists of the field names, their definitions, and  
the files in which each user-defined field is the current default  
search field. To display the information for a subset of all  
user-defined search fields, enter DISPLAY FIELD followed by the  
name(s).

Examples:

=> DISPLAY FIELD

(Lists all user-defined search fields for this loginid.)

=> DISPLAY FIELD .MYSEA1 .MYSEA2

(Lists the user-defined search fields .MYSEA1 and .MYSEA2)

=> d cc

ANSWER 1 OF 6 CHEMCATS COPYRIGHT 2001 ACS

Catalog Name (C01: ChemDiv, Inc. Product Library

COMPANY INFORMATION

ChemDiv, Inc.  
P.O. Box 32  
Strakhovoy Uchastok, Dolgoprudny  
Moscow Region, 141700  
Russia

Phone: 7-095-408-80-51  
Fax: 7-095-576-0155  
Email: [contservice@glannet.ru](mailto:contservice@glannet.ru)

COMPANY INFORMATION

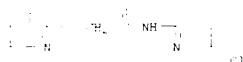
ChemDiv, Inc.  
P.O. Box 40639  
San Diego, CA, 92169  
USA

Phone: 1-619-794-4860  
Fax: 1-619-794-4931  
Email: [info@chemdiv.com](mailto:info@chemdiv.com)

=> d 1-6 all



DE ANSWER 1 OF 6 CHEMCATS COPYRIGHT 2001 ACS  
 Accession No. (AN) 2001:02926 CHEMCATS  
 Catalog Name (CN) ChemDiv, Inc. Product Library  
 Publication Date (PD) 7 Jul 2000  
 Order Number (ON) 2693-0004  
 Chemical Name (CN) Acetamide, 2-(2-benzoxazolyli-thio)-N-(5-chloro-2-pyridinyl)  
 CAS Registry No. (RN) 313401-42-4  
 Supplementary Term (ST) CHEMICAL LIBRARY  
 Structure



## PRICES

Quantity milligram quantities, prices contact supplier

## CHEMICAL INFORMATION

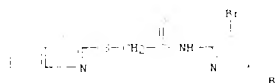
ChemDiv, Inc.  
 P.O. Box 12  
 Strickland Way, Sebastia, IL 60090  
 Moscow, Russia, 141700  
 Russia

Phone: 7-090-408-4051  
 Fax: 7-090-408-0164  
 Email: customer@chemdiv.com

ChemDiv, Inc.  
 P.O. Box 12  
 Strickland Way, Sebastia, IL 60090  
 USA

Phone: 1-800-734-4400  
 Fax: 1-800-734-4401  
 Email: info@chemdiv.com

DE ANSWER 2 OF 6 CHEMCATS COPYRIGHT 2001 ACS  
 Accession No. (AN) 2001:02925 CHEMCATS  
 Catalog Name (CN) ChemDiv, Inc. Product Library  
 Publication Date (PD) 7 Jul 2000  
 Order Number (ON) 2693-0001  
 Chemical Name (CN) Acetamide, 2-(2-benzoxazolyli-thio)-N-(3,5-dibromo-2-pyridinyl)  
 CAS Registry No. (RN) 313401-41-3  
 Supplementary Term (ST) CHEMICAL LIBRARY  
 Structure



## PRICES

Quantity milligram quantities, prices contact supplier

## CHEMICAL INFORMATION

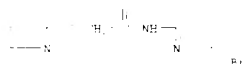
ChemDiv, Inc.  
 P.O. Box 12  
 Strickland Way, Sebastia, IL 60090  
 Moscow, Russia, 141700  
 Russia

Phone: 7-090-408-4051  
 Fax: 7-090-408-0164  
 Email: customer@chemdiv.com

ChemDiv, Inc.  
 P.O. Box 12  
 Strickland Way, Sebastia, IL 60090  
 USA

Phone: 1-800-734-4400  
 Fax: 1-800-734-4401  
 Email: info@chemdiv.com

DE ANSWER 3 OF 6 CHEMCATS COPYRIGHT 2001 ACS  
 Accession No. (AN) 2001:02934 CHEMCATS  
 Catalog Name (CN) ChemDiv, Inc. Product Library  
 Publication Date (PD) 7 Jul 2000  
 Order Number (ON) 2693-0000  
 Chemical Name (CN) Acetamide, 2-(2-benzoxazolyli-thio)-N-(5-bromo-2-pyridinyl)  
 CAS Registry No. (RN) 313527-94-7  
 Supplementary Term (ST) CHEMICAL LIBRARY  
 Structure



## PRICES

Quantity milligram quantities, prices contact supplier

## CHEMICAL INFORMATION

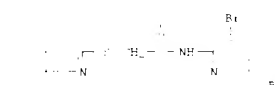
ChemDiv, Inc.  
 P.O. Box 12  
 Strickland Way, Sebastia, IL 60090  
 Moscow, Russia, 141700  
 Russia

Phone: 7-090-408-4051  
 Fax: 7-090-408-0164  
 Email: customer@chemdiv.com

ChemDiv, Inc.  
 P.O. Box 12  
 Strickland Way, Sebastia, IL 60090  
 USA

Phone: 1-800-734-4400  
 Fax: 1-800-734-4401  
 Email: info@chemdiv.com

DE ANSWER 4 OF 6 CHEMCATS COPYRIGHT 2001 ACS  
 Accession No. (AN) 2001:02934 CHEMCATS  
 Catalog Name (CN) AsinEx Compound Collection  
 Publication Date (PD) 22 Jan 2001  
 Order Number (ON) BAS 127719b  
 Chemical Name (CN) Acetamide, 2-(2-benzoxazolyli-thio)-N-(3,4-dibromophenyl)  
 CAS Registry No. (RN) 313401-41-3  
 Supplementary Term (ST) CHEMICAL LIBRARY  
 Structure



## PRICES

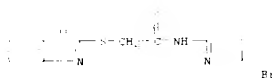
Quantity milligram quantities, prices contact supplier

## CHEMICAL INFORMATION

AsinEx  
 4 Chokkiskapalitra  
 Moscow, Russia, 120100  
 Russia

Phone: 7-090-190-7667  
 Fax: 7-090-190-7668  
 Email: asinex@online.ru  
 Web: http://www.asinex.com/chemdiv.htm

To: ANSWER 6 OF 6 CHEMCATS COPYRIGHT 2001 ACS  
 Accession No. (AN) 2001:200517 CHEMCATS  
 Catalog Name (CO) AsinEX Compound Collection  
 Publication Date (PD) 22 Jan 2001  
 Order Number (ON) BAS 1043742  
 Chemical Name (CN) Acetamide, 2-(12-benzoxazolythio)-N-(5-bromo-2-pyridiny)-  
 CAS Registry No. (RN) 312527-34-7  
 Supplementary Term (ST) CHEMICAL LIBRARY  
 Structure



## PRICES

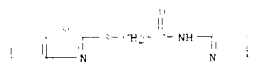
Quantity 1-100 g, Prices contact supplier

## COMPANY INFORMATION

AsinEX  
 c/o Zhukinskaya ulitsa  
 Moscow, 119126  
 Russia

Phone: +7 095 190-7360  
 +7 095 190-7600  
 Fax: +7 095 190-1211  
 Email: asinex@online.ru  
 Web: <http://www.asinex.com/asinex.htm>

To: ANSWER 6 OF 6 CHEMCATS COPYRIGHT 2001 ACS  
 Accession No. (AN) 2001:200513 CHEMCATS  
 Catalog Name (CO) AsinEX Compound Collection  
 Publication Date (PD) 22 Jan 2001  
 Order Number (ON) BAS 1043743  
 Chemical Name (CN) Acetamide, 2-(12-benzoxazolythio)-N-(5-chloro-2-pyridiny)-  
 CAS Registry No. (RN) 313481-42-4  
 Supplementary Term (ST) CHEMICAL LIBRARY  
 Structure



## PRICES

Quantity 1-100 g, Prices contact supplier

## COMPANY INFORMATION

AsinEX  
 c/o Zhukinskaya ulitsa  
 Moscow, 119126  
 Russia

Phone: +7 095 190-7360  
 +7 095 190-7600  
 Fax: +7 095 190-1211  
 Email: asinex@online.ru  
 Web: <http://www.asinex.com/asinex.htm>

=> fil caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	23.85	166.48

FILE 'CAPLUS' ENTERED AT 07:05:40 ON 14 MAY 2001  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2001 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications.

FILE COVERS 1947 - 14 May 2001 VOL 134 ISS 21  
FILE LAST UPDATED: 13 May 2001 (20010513/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

CAPLUS now provides online access to patents and literature covered in CA from 1947 to the present. On April 22, 2001, bibliographic information and abstracts were added for over 2.2 million references published in CA from 1947 to 1966.

The CA Lexicon is now available in the Controlled Term (/CT) field. Enter HELP LEXICON for full details.

Attention, the CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

\*\*\* YOU HAVE NEW MAIL \*\*\*

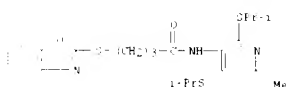
=> s 13  
L7 5 L3

=> d ibib abs hitstr 1-5

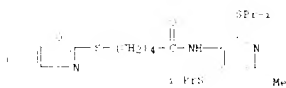




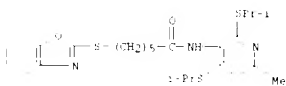
L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



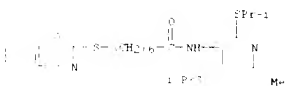
RN 225941-29-7 CAPLUS  
 CN Pentanamide, 5-(2-benzoxazolylthio)-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 225941-30-0 CAPLUS  
 CN Heptanamide, 7-(2-benzoxazolylthio)-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)

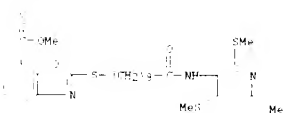


RN 225941-31-1 CAPLUS  
 CN Heptanamide, 7-(2-benzoxazolylthio)-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)

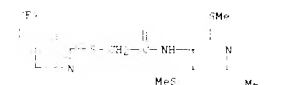


RN 225941-32-1 CAPLUS  
 CN Pentanamide, 5-(2-benzoxazolylthio)-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)

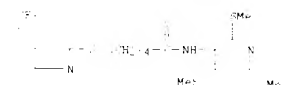
L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



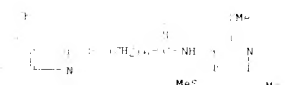
RN 225941-53-7 CAPLUS  
 CN Acetamide, N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]-2-[[7-(trifluoromethyl)-2-benzoxazolyl]thio]- (9CI) (CA INDEX NAME)



RN 225941-54-0 CAPLUS  
 CN Pentanamide, N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]-5-[[7-(trifluoromethyl)-2-benzoxazolyl]thio]- (9CI) (CA INDEX NAME)

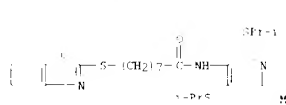


RN 225941-55-0 CAPLUS  
 CN Heptanamide, N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]-7-[[7-(trifluoromethyl)-2-benzoxazolyl]thio]- (9CI) (CA INDEX NAME)

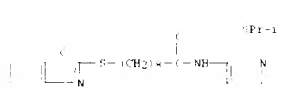


RN 225941-56-0 CAPLUS  
 CN Octanamide, N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]-8-[[7-(trifluoromethyl)-2-benzoxazolyl]thio]- (9CI) (CA INDEX NAME)

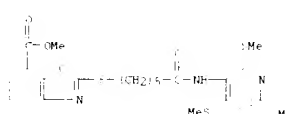
L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



RN 225941-33-3 CAPLUS  
 CN Nonanamide, 9-(2-benzoxazolylthio)-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)

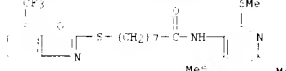


RN 225941-51-5 CAPLUS  
 CN 7-benzoxazolecarboxylic acid, 2-[[6-[[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]amino]-9-oxononyl]thio]-, methyl ester (9CI) (CA INDEX NAME)

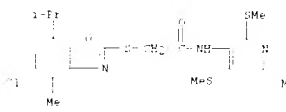


RN 225941-52-6 CAPLUS  
 CN 7-benzoxazolecarboxylic acid, 2-[[6-[[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]amino]-9-oxononyl]thio]-, methyl ester (9CI) (CA INDEX NAME)

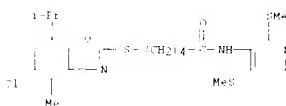
L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



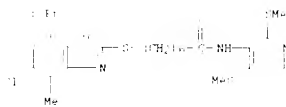
RN 225941-57-1 CAPLUS  
 CN Acetamide, 2-[[5-chloro-4-methyl-7-(1-methylethyl)-2-benzoxazolyl]thio]-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 225941-58-2 CAPLUS  
 CN Pentanamide, 5-[[5-chloro-4-methyl-7-(1-methylethyl)-2-benzoxazolyl]thio]-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)

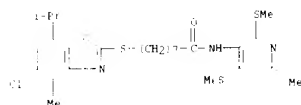


RN 225941-59-3 CAPLUS  
 CN Heptanamide, 7-[[5-chloro-4-methyl-7-(1-methylethyl)-2-benzoxazolyl]thio]-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)

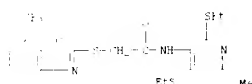


RN 225941-60-6 CAPLUS  
 CN Octanamide, 8-[[5-chloro-4-methyl-7-(1-methylethyl)-2-benzoxazolyl]thio]-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)

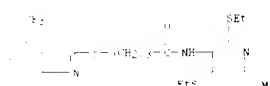
17 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)  
 [6-methyl-2,4-bis(methylthio)-3-pyridinyl]- (9CI) (CA INDEX NAME)



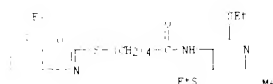
RN 225941-61-0 CAPLUS  
 CN Acetamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-2-[[7-(trifluoromethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)



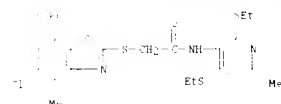
RN 225941-62-8 CAPLUS  
 CN Butanamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-4-[[7-(trifluoromethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)



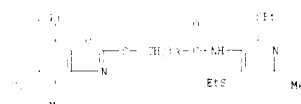
RN 225941-63-9 CAPLUS  
 CN Octanamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-8-[[7-(trifluoromethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)



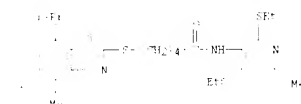
17 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



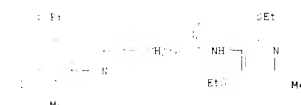
RN 225941-64-4 CAPLUS  
 CN Butanamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-4-[[5-chloro-4-methyl-7-(1-methylethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)



RN 225941-65-7 CAPLUS  
 CN Octanamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-8-[[5-chloro-4-methyl-7-(1-methylethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)

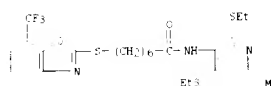


RN 225941-66-8 CAPLUS  
 CN Butanamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-4-[[5-chloro-4-methyl-7-(1-methylethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)

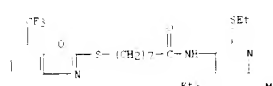


17 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)

RN 225941-64-0 CAPLUS  
 CN Heptanamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-7-[[7-(trifluoromethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)



RN 225941-65-1 CAPLUS  
 CN Octanamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-8-[[7-(trifluoromethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)



RN 225941-66-2 CAPLUS  
 CN Nonanamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-9-[[7-(trifluoromethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)

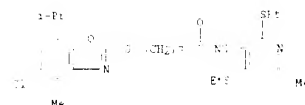


RN 225941-67-3 CAPLUS  
 CN Acetamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-2-[[5-chloro-4-methyl-7-(1-methylethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)

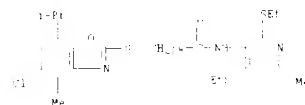


17 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)

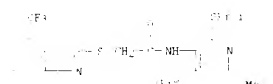
RN 225941-71-9 CAPLUS  
 CN Octanamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-8-[[5-chloro-4-methyl-7-(1-methylethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)



RN 225941-72-0 CAPLUS  
 CN Nonanamide, N-[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]-9-[[5-chloro-4-methyl-7-(1-methylethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)

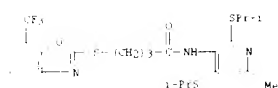


RN 225941-73-1 CAPLUS  
 CN Acetamide, N-[2,4-bis(1-methyl-ethylthio)-6-methyl-3-pyridinyl]-2-[[7-(trifluoromethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)



RN 225941-74-2 CAPLUS  
 CN Butanamide, N-[2,4-bis(1-methyl-ethylthio)-6-methyl-3-pyridinyl]-4-[[7-(trifluoromethyl)-2-benzotriazolyl]thio]- (9CI) (CA INDEX NAME)

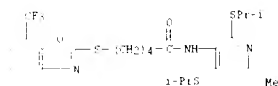
L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



RN 225941-75-3 CAPLUS

CN Pentanamide,

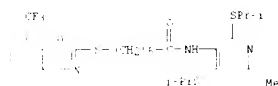
N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]-5-[[7-(trifluoromethyl)-2-benzoxazolyl]thio]- (9CI) (CA INDEX NAME)



RN 225941-76-4 CAPLUS

CN Hexanamide,

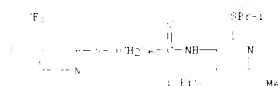
N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]-6-[[7-(trifluoromethyl)-2-benzoxazolyl]thio]- (9CI) (CA INDEX NAME)



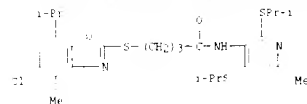
RN 225941-77-5 CAPLUS

CN Heptanamide,

N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]-7-[[7-(trifluoromethyl)-2-benzoxazolyl]thio]- (9CI) (CA INDEX NAME)



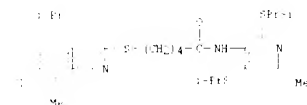
L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



RN 225941-79-7 CAPLUS

CN Octanamide,

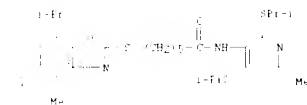
N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]-8-[[7-(trifluoromethyl)-2-benzoxazolyl]thio]- (9CI) (CA INDEX NAME)



RN 225941-80-0 CAPLUS

CN Nonanamide,

N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]-9-[[7-(trifluoromethyl)-2-benzoxazolyl]thio]- (9CI) (CA INDEX NAME)



RN 225941-81-1 CAPLUS

CN Decanamide,

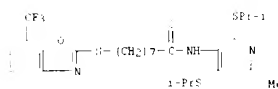
N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]-10-[[7-(trifluoromethyl)-2-benzoxazolyl]thio]- (9CI) (CA INDEX NAME)

L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)

RN 225941-78-6 CAPLUS

CN Octanamide,

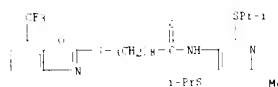
N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]-8-[[7-(trifluoromethyl)-2-benzoxazolyl]thio]- (9CI) (CA INDEX NAME)



RN 225941-79-7 CAPLUS

CN Nonanamide,

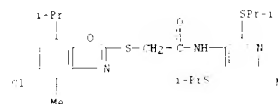
N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]-9-[[7-(trifluoromethyl)-2-benzoxazolyl]thio]- (9CI) (CA INDEX NAME)



RN 225941-80-0 CAPLUS

CN Acetamide,

N-[5-chloro-4-methyl-7-[(1-methylethyl)-2-benzoxazolyl]thio]-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)

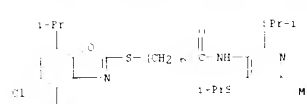


RN 225941-81-1 CAPLUS

CN Butanamide,

N-[5-chloro-4-methyl-7-[(1-methylethyl)-2-benzoxazolyl]thio]-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)

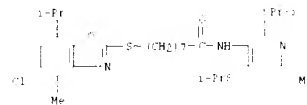
L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



RN 225941-82-2 CAPLUS

CN Octanamide,

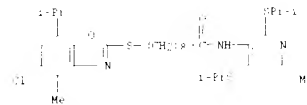
N-[5-chloro-4-methyl-7-[(1-methylethyl)-2-benzoxazolyl]thio]-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)



RN 225941-83-5 CAPLUS

CN Nonanamide,

N-[5-chloro-4-methyl-7-[(1-methylethyl)-2-benzoxazolyl]thio]-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)



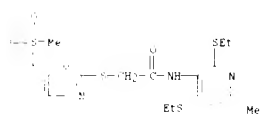
RN 225941-84-6 CAPLUS

CN Decanamide,

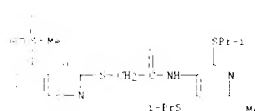
N-[5-chloro-4-methyl-7-[(1-methylethyl)-2-benzoxazolyl]thio]-N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridinyl]- (9CI) (CA INDEX NAME)



L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



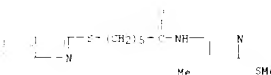
RN 111941-89-9 CAPLUS  
 CN Acetamide,  
 N-[6-methyl-2,4-bis[(1-methylethyl)thio]-3-pyridanyl]-2-[[[7-(  
 methylsulfonyl)-2-benzoxazolyl]thio]-(9C)] (CA INDEX NAME)



```

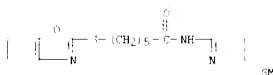
RN 22694.-90-2 CAPLUS
CN Hexanamide,
6-(2-benzoxazolylthio)-N-[4-methyl-6-(methylthio)-3-pyridinyl]-
(CT) (CA INDEX NAME)

```



RN 22-945-91-3 CAPLUS  
 TN Heptanamide, 6-(2-benzoxazolylthio)-N-[5-(methylthio)-2-pyridinyl]-  
 0401  
 CFA INDEX NAME:

L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2001 ACS Continued



PN 225941-13-5 CAPLUS  
CN 7-Benzothiazolecarboxylic acid, 2-[[2-[[2,4-bis(ethylthio)-6-methyl-3-pyridinyl]amino]-2-oxoethyl]thio]-, methyl ester (9CI) (CA INDEX NAME)

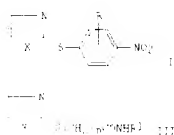


REFERENCE COUNT: 15  
 REFERENCE(S):  
 Elem (2) E.-Ezbary, S: Phosphorus Sulfur Silicon Relat  
 1990, V48(1-4), P111 CAPUS  
 (5) Kowa Co Ltd: EP 97027 AL 1998 \*APUS  
 (6) Kowa Co, Ltd: JP 1002986 A 1998 \*APUS  
 (7) Mahmood, A: Eur Med Chem-Thim Ther 1981,  
 V16(4),  
 P383 CAPUS  
 (8) Mahmood, A: Gazz Chim Ital 1982, V112(1),  
 F55  
 CAPUS  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

2 ANSWER 4 F 4 CAPUS COPYRIGHT 2001 ACS

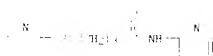
ANSWER TO: CAPUS 00418181 2901 ACS  
 ACCESSION NUMBER: 1982414200H CAPUS  
 DOCUMENT NUMBER: 97:7298  
 TITLE: Synthesis of some new aryl- and  
 aralkylthiobenzoxazoles, -benzimidazoles and  
 -benzothiazoles of potential biological interest  
 AUTHOR(S): Mahmood, Abdalla M.; El Enbaey, Samia R.;

AUTHOR(S): Mahmoud, Abdalla M.; El-Ebaky, Samia A.  
 TITLE: A new method for the determination of the  
 rate constants of the reaction between  
 hydrogen peroxide and hydrogen sulfide  
 in aqueous solution  
 CORPORATE SOURCE: Aboel Maqd A. El-Sherief, Hassan A. H.  
 FAC. SCI., ASSIUT UNIV., ASSIUT, EGYPT  
 SOURCE: Gazz. Chim. Ital. (1982), 112(1:2), 55.  
 CODEN: GCITA9; ISSN: 0016-5603  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 GI:

[illegible]

activity, particularly against gram-neg. organisms.  
 81958-30-7P  
 AC: SYN: Synthetic preparation; FREE: (preparation)  
 prep. of:

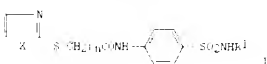
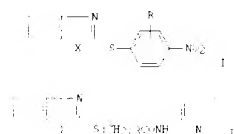
EN 2154-40-2 "AF10"  
 N Butan-1-ol, 4-(2-benzyloxycarbonyl-4-N-propargyl-1H-imidazol-5-yl)-, 98%+ INDEX  
 1/8/92



67 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2001 ACN

ANSWER : OF 5 APLUS COPYRIGHT 2001 ACS  
 ACCESSION NUMBER: 1982:406219 CASUS  
 DOCUMENT NUMBER: 97:6219  
 TITLE: Synthesis of some new styryl and  
 aralkylmercaptobenzoxazoles, -benzimidazoles and  
 -benzothiazoles of biological interest  
 AUTHOR(S): Mahmoud, A. M.; El-Ekawy, S. R.; Asouli-Wahab, A

AUTHOR(S): Mahmudhassan El-Biological Interest  
A. M.; El-Ezbawy, S. R.; Abdel-Wahab, A.  
A.;  
El-Sheriaty, H. A. H.  
CORPORATE SOURCE: Fac. Sci., Assiut Univ., Assiut, Egypt  
SOURCE: Acta Pharm. Jugosl. 1982, 36(1), 45-51  
CODEN: APJUAH; ISSN: 0001-0697  
DOCUMENT TYPE: Journal  
LANGUAGE: English



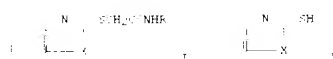
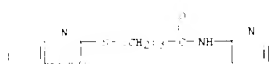
AP Benzazoles 1-11: (X = O, S, NH; R = H, 2-NO<sub>2</sub>, 4-Cl, 5-Br; R<sub>1</sub> = H, 2-pyridyl; n = 1, 3) were prepd. by substitution in E salts of the benzothiazolethiols. Some of the products had bactericidal activity.

both gram pos. and gram neg. organisms.

NAME Butylamide, 4-(2-benzoxabicylthio)-N-(2-pyridiny) 1971 CA INDEX

17 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2001 ACS

1. AUTHOR: E. F. CAPLON, J. L. COLE, 1981, ARS  
 2. ACCESSION NUMBER: 19812509076, CAPLON  
 3. DOCUMENT NUMBER: 951194076  
 4. TITLE: Synthesis and biological activities of some new  
 5. 2,4,6-trisubstituted-1,2,4,5-tetrahydronaphthalen-1-yl  
 6. 1,2,4-triazole-3-carboxamides  
 7. 1,2,4-triazole-3-carboxamides  
 8. 1,2,4-triazole-3-carboxamides  
 9. 1,2,4-triazole-3-carboxamides  
 10. 1,2,4-triazole-3-carboxamides  
 11. 1,2,4-triazole-3-carboxamides  
 12. 1,2,4-triazole-3-carboxamides  
 13. 1,2,4-triazole-3-carboxamides  
 14. 1,2,4-triazole-3-carboxamides  
 15. 1,2,4-triazole-3-carboxamides  
 16. 1,2,4-triazole-3-carboxamides  
 17. 1,2,4-triazole-3-carboxamides  
 18. 1,2,4-triazole-3-carboxamides  
 19. 1,2,4-triazole-3-carboxamides  
 20. 1,2,4-triazole-3-carboxamides  
 21. 1,2,4-triazole-3-carboxamides  
 22. 1,2,4-triazole-3-carboxamides  
 23. 1,2,4-triazole-3-carboxamides  
 24. 1,2,4-triazole-3-carboxamides  
 25. 1,2,4-triazole-3-carboxamides  
 26. 1,2,4-triazole-3-carboxamides  
 27. 1,2,4-triazole-3-carboxamides  
 28. 1,2,4-triazole-3-carboxamides  
 29. 1,2,4-triazole-3-carboxamides  
 30. 1,2,4-triazole-3-carboxamides  
 31. 1,2,4-triazole-3-carboxamides  
 32. 1,2,4-triazole-3-carboxamides  
 33. 1,2,4-triazole-3-carboxamides  
 34. 1,2,4-triazole-3-carboxamides  
 35. 1,2,4-triazole-3-carboxamides  
 36. 1,2,4-triazole-3-carboxamides  
 37. 1,2,4-triazole-3-carboxamides  
 38. 1,2,4-triazole-3-carboxamides  
 39. 1,2,4-triazole-3-carboxamides  
 40. 1,2,4-triazole-3-carboxamides  
 41. 1,2,4-triazole-3-carboxamides  
 42. 1,2,4-triazole-3-carboxamides  
 43. 1,2,4-triazole-3-carboxamides  
 44. 1,2,4-triazole-3-carboxamides  
 45. 1,2,4-triazole-3-carboxamides  
 46. 1,2,4-triazole-3-carboxamides  
 47. 1,2,4-triazole-3-carboxamides  
 48. 1,2,4-triazole-3-carboxamides  
 49. 1,2,4-triazole-3-carboxamides  
 50. 1,2,4-triazole-3-carboxamides  
 51. 1,2,4-triazole-3-carboxamides  
 52. 1,2,4-triazole-3-carboxamides  
 53. 1,2,4-triazole-3-carboxamides  
 54. 1,2,4-triazole-3-carboxamides  
 55. 1,2,4-triazole-3-carboxamides  
 56. 1,2,4-triazole-3-carboxamides  
 57. 1,2,4-triazole-3-carboxamides  
 58. 1,2,4-triazole-3-carboxamides  
 59. 1,2,4-triazole-3-carboxamides  
 60. 1,2,4-triazole-3-carboxamides  
 61. 1,2,4-triazole-3-carboxamides  
 62. 1,2,4-triazole-3-carboxamides  
 63. 1,2,4-triazole-3-carboxamides  
 64. 1,2,4-triazole-3-carboxamides  
 65. 1,2,4-triazole-3-carboxamides  
 66. 1,2,4-triazole-3-carboxamides  
 67. 1,2,4-triazole-3-carboxamides  
 68. 1,2,4-triazole-3-carboxamides  
 69. 1,2,4-triazole-3-carboxamides  
 70. 1,2,4-triazole-3-carboxamides  
 71. 1,2,4-triazole-3-carboxamides  
 72. 1,2,4-triazole-3-carboxamides  
 73. 1,2,4-triazole-3-carboxamides  
 74. 1,2,4-triazole-3-carboxamides  
 75. 1,2,4-triazole-3-carboxamides  
 76. 1,2,4-triazole-3-carboxamides  
 77. 1,2,4-triazole-3-carboxamides  
 78. 1,2,4-triazole-3-carboxamides  
 79. 1,2,4-triazole-3-carboxamides  
 80. 1,2,4-triazole-3-carboxamides  
 81. 1,2,4-triazole-3-carboxamides  
 82. 1,2,4-triazole-3-carboxamides  
 83. 1,2,4-triazole-3-carboxamides  
 84. 1,2,4-triazole-3-carboxamides  
 85. 1,2,4-triazole-3-carboxamides  
 86. 1,2,4-triazole-3-carboxamides  
 87. 1,2,4-triazole-3-carboxamides  
 88. 1,2,4-triazole-3-carboxamides  
 89. 1,2,4-triazole-3-carboxamides  
 90. 1,2,4-triazole-3-carboxamides  
 91. 1,2,4-triazole-3-carboxamides  
 92. 1,2,4-triazole-3-carboxamides  
 93. 1,2,4-triazole-3-carboxamides  
 94. 1,2,4-triazole-3-carboxamides  
 95. 1,2,4-triazole-3-carboxamides  
 96. 1,2,4-triazole-3-carboxamides  
 97. 1,2,4-triazole-3-carboxamides  
 98. 1,2,4-triazole-3-carboxamides  
 99. 1,2,4-triazole-3-carboxamides  
 100. 1,2,4-triazole-3-carboxamides



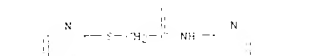
AR Title compds. I [R = 1-thiazolyl, 4-phenyl, 3-thiazolyl, 4-(p-bromophenyl), 2-thiazolyl, 4-(p-methoxyphenyl), 5-thiazolyl, 4-(p-methyl)-3-thiazolyl, 5-methoxycarbonyl, 4-methyl, 2-thiazolyl, 3-benzothiazolyl, 4-phenyl, 4-pyridyl, 2-methyl-1-phenyl, 4-pyrazolinyl; X = O, S, NH] were prep'd by condensing II with

It showed antimicrobial activity at 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839,

AT 79420-06-7P 79420-07-8P

K<sub>2</sub>: SPN (Synthetic)  
reph. = 1

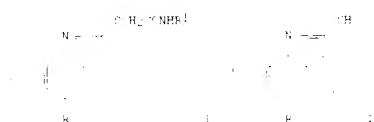
IN 114-106-1 AF119  
CN 6-Phenyl-2,2-benzobipolythio-N-oxep-9-onyl 67 A INDEX  
NAME



RN 14-0007-8 PAF11

NAME N-phenyl-N'-benzoyl-L-prolyl-L-histidine

2. ANSWER 5 - P. 1 - CALL'S COPYRIGHT 2001. A.S.

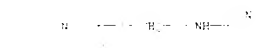
[illegible]

AP. Naphthoxazoles 1 ( $R = H$ ,  $2$  ( $H$ ;  $3$ ) = unsubstituted thiadiazole, 4 = 5-pyridinyl, 4-phenazolyl) were prepd. by treating 11 with  $CH_3I$  (see column 1).

performed and found that activities 1-5 were always

IT 78205-06-8P 78205-15-9P 78205-16-0P

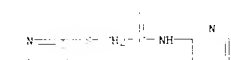
Key: SPN: Synthetic preparations; PREP: Preparation;   
 (b) (4), (b) (7)(C), and (b) (7)(D), activity of

[illegible][illegible]

EN 12518-1:2000 'ASTM'

7N Naphthalene was recrystallized from 95% ethanol.  
 1,1'-Diaminobiphenyl (3.13 g, 0.015 mole) A INDEX NAME

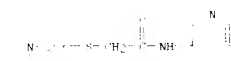
127 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2001 ACS (Continued)



SO<sub>3</sub>H

128 Fe<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub> AELUS

129 Naphth[1,2-d]oxazole-5-sulfonic acid, 2-[(2,6-pyridinediylamino)ethyl]thio- (9CI) (CA INDEX NAME)



SO<sub>3</sub>H

=> fil beil		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	21.60	188.08
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-2.94	-2.94

FILE 'BEILSTEIN' ENTERED AT 07:07:03 ON 14 MAY 2001  
 COPYRIGHT (c) 2001 Beilstein-Institut zur Foerderung der Chemischen  
 Wissenschaften licensed to Beilstein Chemiedaten & Software GmbH and MDL  
 Information Systems GmbH

FILE LAST UPDATED: 6 MAR 2000

FILE COVERS 1779 TO 2000.

\*\*\* CAS REGISTRY NUMBERS FOR 4,356,237 SUBSTANCES AVAILABLE \*\*\*  
 \*\*\* FILE CONTAINS 7,688,486 SUBSTANCES \*\*\*

\*\*\*\*\*  
 \* PLEASE NOTE THAT THERE ARE NO FORMATS FREE OF COST. \*  
 \* SET NOTICE FEATURE: THE COST ESTIMATES CALCULATED FOR SET NOTICE \*  
 \* ARE BASED ON THE HIGHEST PRICE CATEGORY. THEREFORE; THESE \*  
 \* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS. \*  
 \* FOR PRICE INFORMATION SEE HELP COST \*  
 \*\*\*\*\*

\*\*\* YOU HAVE NEW MAIL \*\*\*

=> s ll ful  
 FULL SEARCH INITIATED 07:07:08 FILE 'BEILSTEIN'  
 FULL SCREEN SEARCH COMPLETED - 1576 TO ITERATE

100.0% PROCESSED 1576 ITERATIONS 7 ANSWERS  
 SEARCH TIME: 00.00.10

L8 7 SEA SSS FUL L1

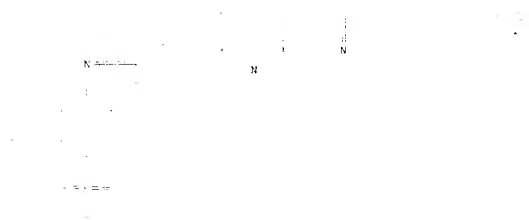
=> d pre ide rsd fa bf 1-7

LA ANSWER 1 OF 7 COPYRIGHT 2001 BEILSTEIN FOR MDL

# Preparation:

PRE

Start: BBN=3604755 (7H7CIN20, BBN=479224) 1,2-dihydro-1,2-dioxazole-5-sulfonic acid  
 Reagent: RSH  
 Time: 30 min  
 Solvent: Ethanol  
 Heating  
 Reference(s):  
 1. Abdel Rahman, A. E.; El-Sherief, H. A.; Mahmoud, A. M.; Alindian, Chem.Soc., 58 (1981), 171-173, LA, EN, (CODEN: CHESA)  
 Beilstein Ref. No.: BBN: 475208 Beilstein  
 Molecular Formula (MF): C10H13N2O3S  
 Autonom Name (A/N): 1-(pyridin-3-yl)thiomethylsulfonyl-1,2-dioxolane-5-sulfonic acid  
 Beilstein Reference (SD): 6.27  
 Formula Weight (FW): 415.44  
 Lawton Number (LN): 01542 (171-173)



# Ring System Data:

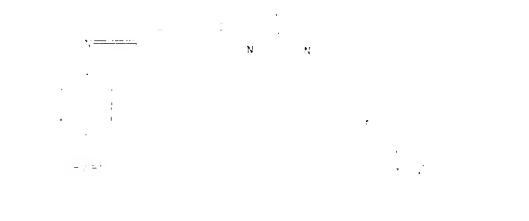
Number of Rings (NCR): 4  
 Ring System (NCR): 1  
 Total Ring System (NCR): 1  
 Substituent (NCR): 1  
 Substituent (NCR): 1

LA ANSWER 1 OF 7 COPYRIGHT 2001 BEILSTEIN FOR MDL

# Preparation:

PRE

Start: BBN=3604755 (7H7CIN20, BBN=479224) 1,2-dihydro-1,2-dioxazole-5-sulfonic acid  
 Reagent: RSH  
 Time: 30 min  
 Solvent: Ethanol  
 Heating  
 Reference(s):  
 1. Abdel Rahman, A. E.; El-Sherief, H. A.; Mahmoud, A. M.; Alindian, Chem.Soc., 58 (1981), 171-173, LA, EN, (CODEN: CHESA)  
 Beilstein Ref. No.: BBN: 475208 Beilstein  
 Molecular Formula (MF): C10H13N2O3S  
 Autonom Name (A/N): 1-(pyridin-3-yl)thiomethylsulfonyl-1,2-dioxolane-5-sulfonic acid  
 Beilstein Reference (SD): 6.27  
 Formula Weight (FW): 415.44  
 Lawton Number (LN): 01542 (171-173)



# Ring System Data:

Number of Rings (NCR): 4  
 Ring System (NCR): 1  
 Total Ring System (NCR): 1  
 Substituent (NCR): 1  
 Substituent (NCR): 1

Beilstein Ref. Index: 6.27 Beilstein Ref. Index: 6.27  
 BBN: 475208 BBN: 475208  
 Molecular Formula (MF): C10H13N2O3S  
 Formula Weight (FW): 415.44

LA ANSWER 1 OF 7 COPYRIGHT 2001 BEILSTEIN FOR MDL (Continued)

Beilstein Ref. Index: 6.27 Beilstein Ref. Index: 6.27  
 BBN: 475208 BBN: 475208  
 Molecular Formula (MF): C10H13N2O3S  
 Formula Weight (FW): 415.44

# Biological Function:

RF: Antimicrobial activity against Staphy. aureus, Bacillus megaterium, Aspergillus flavus and Penicillium notatum  
 Reference(s):  
 1. Abdel Rahman, A. E.; El-Sherief, H. A.; Mahmoud, A. M.; Alindian, Chem.Soc., 58 (1981), 171-173, LA, EN, (CODEN: CHESA)

# Field Availability:

Code	Name	Value
MF	Molecular Formula	C10H13N2O3S
A/N	Autonom Name	1-(pyridin-3-yl)thiomethylsulfonyl-1,2-dioxolane-5-sulfonic acid
FW	Formula Weight	415.44
LN	Lawton Number	01542
RF	Reference(s)	1. Abdel Rahman, A. E.; El-Sherief, H. A.; Mahmoud, A. M.; Alindian, Chem.Soc., 58 (1981), 171-173, LA, EN, (CODEN: CHESA)
PRE	Preparation	1. Abdel Rahman, A. E.; El-Sherief, H. A.; Mahmoud, A. M.; Alindian, Chem.Soc., 58 (1981), 171-173, LA, EN, (CODEN: CHESA)
MI	Melting Point	
DM	Dissolved Maximum	
BF	Biological Function	Antimicrobial activity against Staphy. aureus, Bacillus megaterium, Aspergillus flavus and Penicillium notatum

LA ANSWER 1 OF 7 COPYRIGHT 2001 BEILSTEIN FOR MDL (Continued)

# Biological Function:

RF: Antimicrobial activity against Staphy. aureus, Bacillus megaterium, Aspergillus flavus and Penicillium notatum  
 Reference(s):  
 1. Abdel Rahman, A. E.; El-Sherief, H. A.; Mahmoud, A. M.; Alindian, Chem.Soc., 58 (1981), 171-173, LA, EN, (CODEN: CHESA)

# Field Availability:

Code	Name	Value
MF	Molecular Formula	C10H13N2O3S
A/N	Autonom Name	1-(pyridin-3-yl)thiomethylsulfonyl-1,2-dioxolane-5-sulfonic acid
FW	Formula Weight	415.44
LN	Lawton Number	01542
RF	Reference(s)	1. Abdel Rahman, A. E.; El-Sherief, H. A.; Mahmoud, A. M.; Alindian, Chem.Soc., 58 (1981), 171-173, LA, EN, (CODEN: CHESA)
PRE	Preparation	1. Abdel Rahman, A. E.; El-Sherief, H. A.; Mahmoud, A. M.; Alindian, Chem.Soc., 58 (1981), 171-173, LA, EN, (CODEN: CHESA)
MI	Melting Point	
DM	Dissolved Maximum	
BF	Biological Function	Antimicrobial activity against Staphy. aureus, Bacillus megaterium, Aspergillus flavus and Penicillium notatum

LE ANSWER 3 OF 7 COPYRIGHT 2001 BEILSTEIN COS MOLI

Preparation:

PRE

Start: BBN=604755, C7H7O2N2O, BBN=606054

2H naphthalen-2-yl-2-oxazolinone

Read: KIM

Time: 30 min

Prep: ethanol

Heat: 60

Reference:

1. Abdel Rahman, A. E.; El-Sherief, H. A.; Mahmoud, A. M.; Jindan, Chem.Soc., 54 (1981), 171-173, LA: EN, (OSEN) JIDNAH

Beilstein Ref. No. (BRN) 6740826, Beilstein

Molecular Formula (MF) C18 H14 N2 O2 S

Autonom Name (AUN): 2-(3-oxa-1-aza-cyclopent-2-yl-naphthalen-2-ylsulfanyl)-N-pyridin-3-ylacetamide

Beilstein Reference (BRN) 6740826

Formula Weight (FW) 336.38

Lawson Number (LN): 31049, 27374, 1774



Ring System Data:

Number of Rings (NRR): 4

Ring Systems (NRRS): 2

Diff. Ring Systems (NRRS): 2

Ring Hetero (NRRH): 3

AV (NRRH) (NAH): 3

Beilstein Ring Index (RRI) System Formula (RRI) Count

1110 EF

LE ANSWER 3 OF 7 COPYRIGHT 2001 BEILSTEIN COS MOLI (Continued)

13, 9, 26-2, 67-6, 2

6, 1, 0-1, 1-1, 1

1, 1, 1, 1, 1, 1

Field Availability:

Code	Name	Count
MF	Molecular Formula	1
AUN	Autonom Name	1
FW	Formula Weight	1
BRN	Beilstein Citation	1
LN	Lawson Number	3
SF	Stereo Family	1
PRE	Preparation	1

LE ANSWER 4 OF 7 COPYRIGHT 2001 BEILSTEIN COS MOLI

Preparation:

PRE

Start: BBN=605781, pyridin-3-ylamine, BBN=605781, 2-methoxymethyl

2-methoxy-1,1-dimethyl-2-oxazolinone

Read: N-methoxycarbonyl-2-methoxy-1,1-dimethyl-2-oxazolinone

Time: 24 hours

Prep: dimethylformamide

Heat: 100°C

Reference:

1. Abdel Rahman, A. E.; El-Sherief, H. A.; Mahmoud, A. M.; Jindan, Chem.Soc., 54 (1981), 171-173, LA: EN, (OSEN) JIDNAH

Beilstein Ref. No. (BRN) 6740826, Beilstein

Molecular Formula (MF) C18 H14 N2 O2 S

Autonom Name (AUN): 2-(3-oxa-1-aza-cyclopent-2-yl-naphthalen-2-ylsulfanyl)-N-pyridin-3-ylacetamide

Beilstein Reference (BRN) 6740826

Formula Weight (FW) 336.38

Lawson Number (LN): 31049, 27374, 1774



Ring System Data:

Number of Rings (NRR): 4

Ring Systems (NRRS): 2

Diff. Ring Systems (NRRS): 2

Ring Hetero (NRRH): 3

AV (NRRH) (NAH): 3

LE ANSWER 4 OF 7 COPYRIGHT 2001 BEILSTEIN COS MOLI (Continued)

Beilstein Ring Index (RRI) System Formula (RRI) Count

1110 EF

13, 9, 26-2, 67-6, 2

6, 1, 0-1, 1-1, 1

1, 1, 1, 1, 1, 1

Field Availability:

PF: Antimicrobial activity against Staphylococcus aureus, Bacillus megaterium, Aspergillus flavus and Penicillium notatum

Reference:

1. Abdel Rahman, A. E.; El-Sherief, H. A.; Mahmoud, A. M.; Jindan, Chem.Soc., 54 (1981), 171-173, LA: EN, (OSEN) JIDNAH

Field Availability:

Code	Name	Count
MF	Molecular Formula	1
AUN	Autonom Name	1
FW	Formula Weight	1
BRN	Beilstein Citation	1
LN	Lawson Number	3
SF	Stereo Family	1
PRE	Preparation	1
MF	Molecular Formula	1
FW	Formula Weight	1
PF	Biological Function	1

LA ANSWER 5 OF 7 COPYRIGHT 2001 BEILSTEIN SDS MOLI

#### Preparation:

PRE

Start: BBN=744521 3H-benzoxazole-4-thione, BBN=741015 N-(2-pyridyl)-gamma-chloropropylamide  
 Reagent: H<sub>2</sub>O  
 Time: 2 hours  
 Yield: 100%  
 Solv: ethanol  
 Heating  
 Reference(s):  
 1. Mahmoud, Abdalla M.; El-Echawy, Samia R.; Abdel-Wahab, Abdel-Magd

LA: El-Sherief, Hassan A. H., Gazz.Chim.Ital., 112 (1982) 121, 8566,  
 LA: EN, CODEN: GCHTA9

EN, CODEN: GCHTA9

Beilstein Reg. No.: BBN: 642454 Beilstein  
 Molecular Formula (MF): C<sub>10</sub>H<sub>6</sub>N<sub>2</sub>O<sub>2</sub>S  
 Autonom Name (A/N): 4-(benzoxazol-2-ylsulfanyl)-N-pyridin-2-yl-  
 acetamide  
 Beilstein Reference (BR): 6-29  
 Formula Weight (FW): 214.23  
 Chemical Number (CN): 10034, 27 Dec 1984



#### Ring System Data:

Number of Rings (NRR): 2  
 Ring Systems (NRRS): 2  
 Diff. Ring Systems (NRRS): 2  
 Ring Hetero (NRRH): 2  
 Aromatic Hetero (NRRH): 2

Beilstein Ring Index (RRI) Ring System Formula (RFS) RRI  
 RRI: 6-29  
 RRI: 6-29  
 RRI: 6-29  
 RRI: 6-29

#### Biological Function:

LA ANSWER 6 OF 7 COPYRIGHT 2001 BEILSTEIN SDS MOLI

#### Preparation:

PRE

Start: BBN=744521 3H-benzoxazole-4-thione, BBN=741015 N-(2-pyridyl)-gamma-chloropropylamide  
 Reagent: H<sub>2</sub>O  
 Time: 2 hours  
 Yield: 100%  
 Solv: ethanol  
 Heating  
 Reference(s):  
 Mahmoud, A. M.; El-Sherief, H. A.; Abdel Rahman, A. E.;  
 Euro.J.Med.Chem.Sci., 16 (1981) 4, 383-384, LA: EN, CODEN: JMCMA9

LA: EN, CODEN: JMCMA9

Start: BBN=744521 3H-benzoxazole-4-thione, BBN=741015 N-(2-pyridyl)-gamma-chloropropylamide  
 Reagent: N-methyl-2-pyrrolidone (NMP), diethylamine, diethylamine  
 Time: 24 hours  
 Yield: 100%  
 Solv: N-methyl-2-pyrrolidone  
 Heating  
 Reference(s):  
 1. El-Sherief, H. A.; Mahmoud, A. M.; Abdel Rahman, A. E.;  
 J. Indian Chem.Soc., 60 (1983) 1840, LA: EN, CODEN: JMCMA9

LA: EN, CODEN: JMCMA9

Start: BBN=744521 3H-benzoxazole-4-thione, BBN=741015 N-(2-pyridyl)-gamma-chloropropylamide  
 Reagent: H<sub>2</sub>O  
 Time: 2 hours  
 Yield: 100%  
 Solv: ethanol  
 Heating  
 Reference(s):  
 1. El-Sherief, H. A.; Mahmoud, A. M.; Abdel Rahman, A. E.;  
 J. Indian Chem.Soc., 60 (1983) 1840, LA: EN, CODEN: JMCMA9

LA: EN, CODEN: JMCMA9

Beilstein Reg. No.: BBN: 602956 Beilstein  
 Molecular Formula (MF): C<sub>14</sub>H<sub>11</sub>N<sub>3</sub>O<sub>2</sub>S  
 Autonom Name (A/N): 2-(benzoxazol-2-ylsulfanyl)-N-pyridin-2-yl-  
 acetamide  
 Beilstein Reference (BR): 6-29  
 Formula Weight (FW): 274.23  
 Chemical Number (CN): 10034, 27 Dec 1984

LA ANSWER 5 OF 7 COPYRIGHT 2001 BEILSTEIN SDS MOLI

#### Preparation:

PRE

antibacterial activity, gram-positive and gram-negative bacteria,  
 Bacillus subtilis, Staphylococcus aureus, Escherichia coli, Pseudomonas  
 aeruginosa,  
 Salmonella typhimurium  
 Reference(s):  
 1. Mahmoud, Abdalla M.; El-Echawy, Samia R.; Abdel-Wahab, Abdel-Magd  
 LA: El-Sherief, Hassan A. H., Gazz.Chim.Ital., 112 (1982) 121, 8566,  
 LA: EN, CODEN: GCHTA9

#### Field Availability:

Code	Name	Field
MF	Molecular Formula	1
A/N	Autonom Name	1
FW	Formula Weight	1
BR	Beilstein Reference	1
CN	Chemical Number	1
RF	Ring System Formula	1
PRE	Preparation	1
ME	Melting Point	1
BF	Biological Function	1

LA ANSWER 6 OF 7 COPYRIGHT 2001 BEILSTEIN SDS MOLI

#### Preparation:

PRE

antibacterial activity, gram-positive and gram-negative bacteria,  
 Bacillus subtilis, Staphylococcus aureus, Escherichia coli, Pseudomonas  
 aeruginosa,  
 Salmonella typhimurium  
 Reference(s):  
 1. Mahmoud, A. M.; El-Sherief, H. A.; Abdel Rahman, A. E.;  
 Euro.J.Med.Chem.Sci., 16 (1981) 4, 383-384, LA: EN, CODEN: JMCMA9

#### Ring System Data:

Number of Rings (NRR): 2  
 Ring Systems (NRRS): 2  
 Diff. Ring Systems (NRRS): 2  
 Ring Hetero (NRRH): 2  
 Aromatic Hetero (NRRH): 2

Beilstein Ring Index (RRI) Ring System Formula (RFS) RRI  
 RRI: 6-29  
 RRI: 6-29  
 RRI: 6-29  
 RRI: 6-29

Biological Function:  
 Antibacterial activities: more than 90 percent inhibition of a  
 concentration of 1E-4 M against Staphylococcus aureus, Bacillus  
 subtilis,  
 Escherichia coli,  
 Pseudomonas aeruginosa,  
 Reference(s):  
 1. Mahmoud, A. M.; El-Sherief, H. A.; Abdel Rahman, A. E.;  
 Euro.J.Med.Chem.Sci., 16 (1981) 4, 383-384, LA: EN, CODEN: JMCMA9

LA: EN, CODEN: JMCMA9

Beilstein Reg. No.: BBN: 602956 Beilstein  
 Molecular Formula (MF): C<sub>14</sub>H<sub>11</sub>N<sub>3</sub>O<sub>2</sub>S  
 Autonom Name (A/N): 2-(benzoxazol-2-ylsulfanyl)-N-pyridin-2-yl-  
 acetamide  
 Beilstein Reference (BR): 6-29  
 Formula Weight (FW): 274.23  
 Chemical Number (CN): 10034, 27 Dec 1984

Code	Name	Field
MF	Molecular Formula	1
A/N	Autonom Name	1
FW	Formula Weight	1
BR	Beilstein Reference	1
CN	Chemical Number	1
RF	Ring System Formula	1
PRE	Preparation	1
ME	Melting Point	1
BF	Biological Function	1

DE ANSWER 7 OF 7 COPYRIGHT 2001 BELLESTEIN FOR MOLI (Continued)

DE ANSWER 7 OF 7 COPYRIGHT 2001 BELLESTEIN FOR MOLI

#### Preparation:

##### PRE

Start BRN=742521 3H-benzoxazol-2(1H)-thione, BRN=5180  
2-chloro-N-pyridin-2-yl-acetamide

Reagent: KOH  
Time: 40 min  
Yield: 96.00 %  
Solvent: ethanol

##### Reference(s)

1. Mahmoud, A. M.; El-Sherief, H. A.; Abdel-Rahman, A. E.;  
Eur.J.Med.Chem.Chim.Therr., 1993 19(1): 4, 983-984, LA: EN, 930801

#### EOMCAS

##### PRE

Start BRN=71428 2-benzoxazol-2-ylmethyl-phenyl-acetic acid, BRN=104786  
pyridine-2-ylamine

Reagent: N-ethoxycarbonyl-2-ethoxy-1,1-dihydroquinoline (EEDQ)  
Time: 24 hours  
Solvent: dimethylformamide

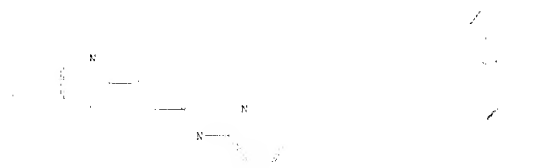
Ambient Temperature

##### Reference(s)

1. Mahmoud, A. M.; El-Sherief, H. A.; Abdel-Rahman, A. E.;  
Eur.J.Med.Chem.Chim.Therr., 1993 19(1): 4, 983-984, LA: EN, 930801

#### EOMCAS

Belstein Reg. No. (BRN): 5579556 Belstein  
Molecular Formula (MF): C14 H11 N3 O2 S  
Autom. Name (AUN): 2-(benzoxazol-2-ylmethyl)-N-pyridin-2-yl-  
acetamide  
Belstein Reference (SRI): 5579556  
AS Reg. No. (KN): 7442521  
Belstein Ref. No. (BRN): 7442521  
Formula Weight (FW): 285.31  
CAS Number (LN): 31063-27-0 1774



DE ANSWER 7 OF 7 COPYRIGHT 2001 BELLESTEIN FOR MOLI (Continued)

#### Ring System Data:

Number of Rings (NR): 2  
Ring System (RNS): 2  
Data Ring System (DNRS): 2  
Data Ring System (DNRS): 2  
Data Ring System (DNRS): 2  
Data Ring System (DNRS): 2

Belstein Ring Index: Ring System Formula: 1 BRX  
BRX: 1 (BRX) 1 Point  
-----  
1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135,136,137,138,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153,154,155,156,157,158,159,160,161,162,163,164,165,166,167,168,169,170,171,172,173,174,175,176,177,178,179,180,181,182,183,184,185,186,187,188,189,190,191,192,193,194,195,196,197,198,199,200,201,202,203,204,205,206,207,208,209,210,211,212,213,214,215,216,217,218,219,220,221,222,223,224,225,226,227,228,229,230,231,232,233,234,235,236,237,238,239,240,241,242,243,244,245,246,247,248,249,250,251,252,253,254,255,256,257,258,259,260,261,262,263,264,265,266,267,268,269,270,271,272,273,274,275,276,277,278,279,280,281,282,283,284,285,286,287,288,289,290,291,292,293,294,295,296,297,298,299,300,301,302,303,304,305,306,307,308,309,310,311,312,313,314,315,316,317,318,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338,339,340,341,342,343,344,345,346,347,348,349,350,351,352,353,354,355,356,357,358,359,360,361,362,363,364,365,366,367,368,369,370,371,372,373,374,375,376,377,378,379,380,381,382,383,384,385,386,387,388,389,390,391,392,393,394,395,396,397,398,399,400,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,420,421,422,423,424,425,426,427,428,429,430,431,432,433,434,435,436,437,438,439,440,441,442,443,444,445,446,447,448,449,450,451,452,453,454,455,456,457,458,459,460,461,462,463,464,465,466,467,468,469,470,471,472,473,474,475,476,477,478,479,480,481,482,483,484,485,486,487,488,489,490,491,492,493,494,495,496,497,498,499,500,501,502,503,504,505,506,507,508,509,510,511,512,513,514,515,516,517,518,519,520,521,522,523,524,525,526,527,528,529,530,531,532,533,534,535,536,537,538,539,540,541,542,543,544,545,546,547,548,549,550,551,552,553,554,555,556,557,558,559,560,561,562,563,564,565,566,567,568,569,570,571,572,573,574,575,576,577,578,579,580,581,582,583,584,585,586,587,588,589,590,591,592,593,594,595,596,597,598,599,600,601,602,603,604,605,606,607,608,609,610,611,612,613,614,615,616,617,618,619,620,621,622,623,624,625,626,627,628,629,630,631,632,633,634,635,636,637,638,639,640,641,642,643,644,645,646,647,648,649,650,651,652,653,654,655,656,657,658,659,660,661,662,663,664,665,666,667,668,669,670,671,672,673,674,675,676,677,678,679,680,681,682,683,684,685,686,687,688,689,690,691,692,693,694,695,696,697,698,699,700,701,702,703,704,705,706,707,708,709,710,711,712,713,714,715,716,717,718,719,720,721,722,723,724,725,726,727,728,729,730,731,732,733,734,735,736,737,738,739,740,741,742,743,744,745,746,747,748,749,750,751,752,753,754,755,756,757,758,759,760,761,762,763,764,765,766,767,768,769,770,771,772,773,774,775,776,777,778,779,780,781,782,783,784,785,786,787,788,789,790,791,792,793,794,795,796,797,798,799,800,801,802,803,804,805,806,807,808,809,810,811,812,813,814,815,816,817,818,819,820,821,822,823,824,825,826,827,828,829,830,831,832,833,834,835,836,837,838,839,840,841,842,843,844,845,846,847,848,849,850,851,852,853,854,855,856,857,858,859,860,861,862,863,864,865,866,867,868,869,870,871,872,873,874,875,876,877,878,879,880,881,882,883,884,885,886,887,888,889,890,891,892,893,894,895,896,897,898,899,900,901,902,903,904,905,906,907,908,909,910,911,912,913,914,915,916,917,918,919,920,921,922,923,924,925,926,927,928,929,930,931,932,933,934,935,936,937,938,939,940,941,942,943,944,945,946,947,948,949,950,951,952,953,954,955,956,957,958,959,960,961,962,963,964,965,966,967,968,969,970,971,972,973,974,975,976,977,978,979,980,981,982,983,984,985,986,987,988,989,990,991,992,993,994,995,996,997,998,999,1000,1001,1002,1003,1004,1005,1006,1007,1008,1009,1010,1011,1012,1013,1014,1015,1016,1017,1018,1019,1020,1021,1022,1023,1024,1025,1026,1027,1028,1029,1030,1031,1032,1033,1034,1035,1036,1037,1038,1039,1040,1041,1042,1043,1044,1045,1046,1047,1048,1049,1050,1051,1052,1053,1054,1055,1056,1057,1058,1059,1060,1061,1062,1063,1064,1065,1066,1067,1068,1069,1070,1071,1072,1073,1074,1075,1076,1077,1078,1079,1080,1081,1082,1083,1084,1085,1086,1087,1088,1089,1090,1091,1092,1093,1094,1095,1096,1097,1098,1099,1100,1101,1102,1103,1104,1105,1106,1107,1108,1109,1110,1111,1112,1113,1114,1115,1116,1117,1118,1119,1120,1121,1122,1123,1124,1125,1126,1127,1128,1129,1130,1131,1132,1133,1134,1135,1136,1137,1138,1139,1140,1141,1142,1143,1144,1145,1146,1147,1148,1149,1150,1151,1152,1153,1154,1155,1156,1157,1158,1159,1160,1161,1162,1163,1164,1165,1166,1167,1168,1169,1170,1171,1172,1173,1174,1175,1176,1177,1178,1179,1180,1181,1182,1183,1184,1185,1186,1187,1188,1189,1190,1191,1192,1193,1194,1195,1196,1197,1198,1199,1200,1201,1202,1203,1204,1205,1206,1207,1208,1209,1210,1211,1212,1213,1214,1215,1216,1217,1218,1219,1220,1221,1222,1223,1224,1225,1226,1227,1228,1229,1230,1231,1232,1233,1234,1235,1236,1237,1238,1239,1240,1241,1242,1243,1244,1245,1246,1247,1248,1249,1250,1251,1252,1253,1254,1255,1256,1257,1258,1259,1260,1261,1262,1263,1264,1265,1266,1267,1268,1269,1270,1271,1272,1273,1274,1275,1276,1277,1278,1279,1280,1281,1282,1283,1284,1285,1286,1287,1288,1289,1290,1291,1292,1293,1294,1295,1296,1297,1298,1299,1300,1301,1302,1303,1304,1305,1306,1307,1308,1309,1310,1311,1312,1313,1314,1315,1316,1317,1318,1319,1320,1321,1322,1323,1324,1325,1326,1327,1328,1329,1330,1331,1332,1333,1334,1335,1336,1337,1338,1339,1340,1341,1342,1343,1344,1345,1346,1347,1348,1349,1350,1351,1352,1353,1354,1355,1356,1357,1358,1359,1360,1361,1362,1363,1364,1365,1366,1367,1368,1369,1370,1371,1372,1373,1374,1375,1376,1377,1378,1379,1380,1381,1382,1383,1384,1385,1386,1387,1388,1389,1390,1391,1392,1393,1394,1395,1396,1397,1398,1399,1400,1401,1402,1403,1404,1405,1406,1407,1408,1409,1410,1411,1412,1413,1414,1415,1416,1417,1418,1419,1420,1421,1422,1423,1424,1425,1426,1427,1428,1429,1430,1431,1432,1433,1434,1435,1436,1437,1438,1439,1440,1441,1442,1443,1444,1445,1446,1447,1448,1449,1450,1451,1452,1453,1454,1455,1456,1457,1458,1459,1460,1461,1462,1463,1464,1465,1466,1467,1468,1469,1470,1471,1472,1473,1474,1475,1476,1477,1478,1479,1480,1481,1482,1483,1484,1485,1486,1487,1488,1489,1490,1491,1492,1493,1494,1495,1496,1497,1498,1499,1500,1501,1502,1503,1504,1505,1506,1507,1508,1509,1510,1511,1512,1513,1514,1515,1516,1517,1518,1519,1520,1521,1522,1523,1524,1525,1526,1527,1528,1529,1530,1531,1532,1533,1534,1535,1536,1537,1538,1539,1540,1541,1542,1543,1544,1545,1546,1547,1548,1549,1550,1551,1552,1553,1554,1555,1556,1557,1558,1559,1560,1561,1562,1563,1564,1565,1566,1567,1568,1569,1570,1571,1572,1573,1574,1575,1576,1577,1578,1579,1580,1581,1582,1583,1584,1585,1586,1587,1588,1589,1590,1591,1592,1593,1594,1595,1596,1597,1598,1599,1600,1601,1602,1603,1604,1605,1606,1607,1608,1609,1610,1611,1612,1613,1614,1615,1616,1617,1618,1619,1620,1621,1622,1623,1624,1625,1626,1627,1628,1629,1630,1631,1632,1633,1634,1635,1636,1637,1638,1639,1640,1641,1642,1643,1644,1645,1646,1647,1648,1649,1650,1651,1652,1653,1654,1655,1656,1657,1658,1659,1660,1661,1662,1663,1664,1665,1666,1667,1668,1669,1670,1671,1672,1673,1674,1675,1676,1677,1678,1679,1680,1681,1682,1683,1684,1685,1686,1687,1688,1689,1690,1691,1692,1693,1694,1695,1696,1697,1698,1699,1700,1701,1702,1703,1704,1705,1706,1707,1708,1709,1710,1711,1712,1713,1714,1715,1716,1717,1718,1719,1720,1721,1722,1723,1724,1725,1726,1727,1728,1729,1730,1731,1732,1733,1734,1735,1736,1737,1738,1739,1740,1741,1742,1743,1744,1745,1746,1747,1748,1749,1750,1751,1752,1753,1754,1755,1756,1757,1758,1759,1760,1761,1762,1763,1764,1765,1766,1767,1768,1769,1770,1771,1772,1773,1774,1775,1776,1777,1778,1779,1780,1781,1782,1783,1784,1785,1786,1787,1788,1789,1790,1791,1792,1793,1794,1795,1796,1797,1798,1799,1800,1801,1802,1803,1804,1805,1806,1807,1808,1809,1810,1811,1812,1813,1814,1815,1816,1817,1818,1819,1820,1821,1822,1823,1824,1825,1826,1827,1828,1829,1830,1831,1832,1833,1834,1835,1836,1837,1838,1839,1840,1841,1842,1843,1844,1845,1846,1847,1848,1849,1850,1851,1852,1853,1854,1855,1856,1857,1858,1859,1860,1861,1862,1863,1864,1865,1866,1867,1868,1869,1870,1871,1872,1873,1874,1875,1876,1877,1878,1879,1880,1881,1882,1883,1884,1885,1886,1887,1888,1889,1890,1891,1892,1893,1894,1895,1896,1897,1898,1899,1900,1901,1902,1903,1904,1905,1906,1907,1908,1909,1910,1911,1912,1913,1914,1915,1916,1917,1918,1919,1920,1921,1922,1923,1924,1925,1926,1927,1928,1929,1930,1931,1932,1933,1934,1935,1936,1937,1938,1939,1940,1941,1942,1943,1944,1945,1946,1947,1948,1949,1950,1951,1952,1953,1954,1955,1956,1957,1958,1959,1960,1961,1962,1963,1964,1965,1966,1967,1968,1969,1970,1971,1972,1973,1974,1975,1976,1977,1978,1979,1980,1981,1982,1983,1984,1985,1986,1987,1988,1989,1990,1991,1992,1993,1994,1995,1996,1997,1998,1999,2000,2001,2002,2003,2004,2005,2006,2007,2008,2009,2010,2011,2012,2013,2014,2015,2016,2017,2018,2019,2020,2021,2022,2023,2024,2025,2026,2027,2028,2029,2030,2031,2032,2033,2034,2035,2036,2037,2038,2039,2040,2041,2042,2043,2044,2045,2046,2047,2048,2049,2050,2051,2052,2053,2054,2055,2056,2057,2058,2059,2060,2061,2062,2063,2064,2065,2066,2067,2068,2069,2070,2071,2072,2073,2074,2075,2076,2077,2078,2079,2080,2081,2082,2083,2084,2085,2086,2087,2088,2089,2090,2091,2092,2093,2094,2095,2096,2097,2098,2099,2100,2101,2102,2103,2104,2105,2106,2107,2108,2109,2110,2111,2112,2113,2114,2115,2116,2117,2118,2119,2120,2121,2122,2123,2124,2125,2126,2127,2128,2129,2130,2131,2132,2133,2134,2135,2136,2137,2138,2139,2140,2141,2142,2143,2144,2145,2146,2147,2148,2149,2150,2151,2152,2153,2154,2155,2156,2157,2158,2159,2160,2161,2162,2163,2164,2165,2166,2167,2168,2169,2170,2171,2172,2173,2174,2175,2176,2177,2178,2179,2180,2181,2182,2183,2184,2185,2186,2187,2188,2189,2190,2191,2192,2193,2194,2195,2196,2197,2198,2199,2200,2201,2202,2203,2204,2205,2206,2207,2208,2209,2210,2211,2212,2213,2214,2215,2216,2217,2218,2219,2220,2221,2222,2223,2224,2225,2226,2227,2228,2229,2230,2231,2232,2233,2234,2235,2236,2237,2238,2239,2240,2241,2242,2243,2244,2245,2246,2247,2248,2249,2250,2251,2252,2253,2254,2255,2256,2257,2258,2259,2260,2261,2262,2263,2264,2265,2266,2267,2268,2269,2270,2271,2272,2273,2274,2275,2276,2277,2278,2279,2280,2281,2282,2283,2284,2285,2286,2287,2288,2289,2290,2291,2292,2293,2294,2295,2296,2297,2298,2299,2300,2301,2302,2303,2304,2305,2306,2307,2308,2309,2310,2311,2312,2313,2314,2315,2316,2317,2318,2319,2320,2321,2322,2323,2324,2325,2326,2327,2328,2329,2330,2331,2332,2333,2334,2335,2336,2337,2338,2339,2340,2341,2342,2343,2344,2345,2346,2347,2348,2349,2350,2351,2352,2353,2354,2355,2



=&gt;

---Logging off of STN---

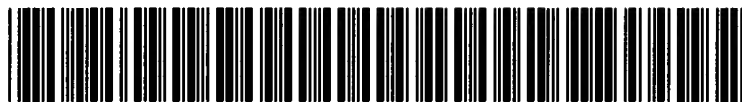
=:

Executing the logoff script...

== LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	143.20	331.28
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-2.94

STN INTERNATIONAL LOGOFF AT 07:07:52 ON 14 MAY 2001



Creation date: 09-29-2003  
Indexing Officer: MKAHSAY - MULU KAHSAY  
Team: OIPEBackFileIndexing  
Dossier: 09666152

Legal Date: 01-22-2002

No.	Doccode	Number of pages
1	A...	5
2	CLM	6
3	REM	11

Total number of pages: 22

Remarks:

Order of re-scan issued on .....